



Interactive Constellation Experience (ICE)

The Interactive Constellation Experience consists of a large optical screen and interactive software that allows visitors to virtually build and launch the Ares I and Ares V spacecraft, the next-generation launch vehicles that will take astronauts to the moon and eventually beyond. The exhibit highlights these craft using animation, and demonstrates how the vehicles will interact in space. Using motion sensor technology, visitors select the vehicle they would like to construct and assemble it piece by piece to see how each intricate part comes together to make the entire spacecraft. After assembly, visitors can launch their Ares rocket on its mission.



General Specifications

Footprint:

- 11' x 11'

Electrical Requirements:

- Two 117 Volt 20 Amp drops

Special Notes

- Shipping crates are on rollers
- A minimum ceiling height of 8' is required
- This exhibit is suitable for indoor use only
- Exhibit best displayed in low-light areas

Assembly Specifications

Assembly Equipment Required:

- Forklift for crates
- Various hand tools
- One 8' ladder

Labor Required:

- Four people

Assembly Time:

- Approximately two hours

Assembly Notes:

- One Exhibit Technician and three laborers are required for setup of this exhibit
- Instructions for assembly/setup are included

exhibit data sheet